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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/583,330

06/16/2006

Atsushi Kodama

2006_0946A

5096

513

7590

08/11/2008

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2033 K STREET N. W.

SUITE 800

WASHINGTON, DC 20006-1021

EXAMINER

GREGG, MARY M

ART UNIT

PAPER NUMBER

3694

MAIL DATE

DELIVERY MODE

08/11/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/583,330	Applicant(s) KODAMA, ATSUSHI	
	Examiner MARY GREGG	Art Unit 3694	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 April 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-28 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-28 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 16 June 2006 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>04/14/2008, 06/16/2006</u> . | 6) <input type="checkbox"/> Other: _____ |

MMG

DETAILED ACTION

1. Claims 1-28 have been examined.

Drawings

2. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they do not include the following reference sign(s) mentioned in the description: pg. 34 para 0132 cites reference numbers (S542) and (S61) not included in FIG. 65. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

3. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they include the following reference character(s) not mentioned in the description: FIG. 65 cites reference # S54. Corrected drawing sheets in compliance with 37 CFR 1.121(d), or amendment to the specification to add the reference character(s) in the description in compliance with 37 CFR 1.121(b) are required in reply to the Office action to avoid abandonment of the application. Any amended

replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Specification

4. The abstract of the disclosure is objected to because according to 37 CFR 1.72(b) and MPEP § 608.01(b), the abstract is a brief disclosure as a whole in a single paragraph of **150** words or less. The abstract submitted does not meet this criteria. Correction is required.

Claim Rejections - 35 USC § 112

5. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

6. Claims 1-28 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In reference to Claims 1-9 and 19-23:

Claims 1-7 cite in the preamble the statutory category of a system, however, the body of the claim consist of a series of steps. According to MPEP 2173.05 (p) [R-5] II,

a single claim which claims both an apparatus and method steps of using the apparatus is indefinite under 35 USC 112, 2nd paragraph. For examination purposes the examiner is defining the statutory category to be a system claim and will examine the apparatus structure of the claims.

In reference to Claims 8-9 and 19-23:

Claims 8-9 and 19-23 are dependent upon the claims 1-7 and therefore are also rendered indefinite under 35 USC 112, 2nd paragraph by their dependence.

Additionally, claims 8-9 and 19-23 are also directed toward the statutory category of an apparatus but contain process steps and therefore contain the same deficiencies, see rejection of claims 1-7 above. Correction is required.

In reference to Claims 10-16:

Claims 10-16 cite in the preamble as the claims being directed toward "document creation program", which does not claim any statutory category. It is unclear to the examiner as to whether the claim is directed toward a computerized process or a computer system that is configured to implement a computer system. Therefore the claims as submitted are indefinite in content. For examination purposes the examiner is examining the claims in the statutory category of a computerized process.

In reference to Claims 17-18 and 24-28:

Claims 17-18 and 24-28 are dependent upon the claims 10-16 and therefore are also rendered indefinite under 35 USC 112, 2nd paragraph by their dependence.

Additionally, claims 17-18 and 24-28 also do not cite any particular statutory category they also contain the same deficiencies, see rejection of claims 10-16 above. Correction is required.

Claim Rejections - 35 USC § 101

7. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

8. Claims 10-18 and 24-28 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter.

In reference to Claims 10-16:

Claims 10-16 are directed in the preamble and the body as being directed toward a "program" which consists of functional descriptive subject matter is nonstatutory subject matter. Data structures not claimed as being embodied in a computer-readable medium are descriptive subject matter per se and are not statutory as they are not capable of function change in a computer. The claimed subject matter does not define any structural and functional interrelationship between data structure. Computer programs are not physical things and are neither computer components nor statutory processes as they are not acts being preformed (see MPEP 2106.01). Therefore, claims 10-16 are rejected under 35 USC 101 as being directed toward nonstatutory subject matter.

In reference to Claims 17-18 and 24-28:

Claims 17-18 and 24-28 are dependent upon the claims discussed above and do not cure the deficiencies cited and are therefore also rejected under 35 USC 101 as being directed toward non-statutory subject matter.

Claim Rejections - 35 USC § 102

9. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

10. Claims 1-9, 19-23 are rejected under 35 U.S.C. 102(b) as being anticipated by US Pub No. 2003/0074355 A1 by Menninger et al. (Men).

In reference to Claim 1:

Processes A-E are a series of steps and do not contain any structure. The steps are instead directed toward the use of the apparatus and will only be examined with respect to limitations the process may put upon the apparatus.

A document creation system for creating prescribed disclosure documents such as financial account documents and brief announcement of financial results or in-house management documents, comprising a database ((Men) FIG. 1A-1B, FIG. 12, FIG. 51 ref # 5134, para 0002, para 0270, para 0293, para 0841) for storing disclosure section information for managing a combined account disclosure item defined by extending a combined account title to non-accounting information including not only the combined account title represented by increase/decrease in money, but also number of stock holdings and increase/decrease in employee with a basic combined account

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disclosure item indicating a substance of the increase/decrease, a decrease disclosure item indicating a substance of the decrease, and an increase disclosure item indicating a substance of the increase in the process of managing business information expressible in numeric terms, and correlating the disclosure items of said business information and disclosure items disclosed in the documents with disclosure positions in the documents of the disclosure items; a display device ((Men) FIG. 45 ref # 4536, # 4538; para 0414) for displaying entry fields; an input device ((Men) FIG. 45 ref # 4324, # 4526, # 4532, # 4534, # 4535; para 0414) for entry into said entry field; and a processing unit ((Men) FIG. 45 ref # 4510; para 0413) for performing the following processes (A)-(E):

(A) displaying, on said display device, a basic slip including a combined account title entry field for entering combined account title data and an expression unit age entry field for entering expressing unit, ages indicating numeric values of said increase/decrease respectively on both debit and credit columns while displaying a date entry field for entering a date on which the increase or decrease occurs, (B) registering the basic slip information entered into said entry fields to be stored as correlated business information in said database, (C) displaying, on said display device, a disclosure item entry field for said disclosure item and a disclosure item transfer slip for asking for entering said disclosure item information, (D) registering said disclosure item transfer slip to be stored in said database in correlation with the disclosure item information entered into each of said entry fields, and (E) creating the prescribed

disclosure documents from said business information on the basis of said disclosure item information and disclosure section information ((Men) para 0454, para 1861).

In reference to Claim 8:

(Currently amended) The document creation system set forth claim 1 (see rejection of claim 1 above), wherein the database has a combined account disclosure item table ((Men) para 0424, para 0500, para 0655) for storing the combined account disclosure item, and the processing unit serves to display, on the display device ((Men) FIG. 45; ref # 4536, # 4538; para 0414), the combined account disclosure item entry field for entry of said combined account disclosure item, and store in the database said combined account disclosure item entered into said entry field ((Men) FIG. 218), and wherein the data in said combined account disclosure item table are indicated as an option on the display device when displaying the combined account disclosure entry field in the basic slip displaying process ((Men) para 0547)

In reference to Claim 2:

Processes A-E are a series of steps and do not contain any structure. The steps are instead directed toward the use of the apparatus and will only be examined with respect to limitations the process may put upon the apparatus.

(Original) A document creation system for creating prescribed disclosure documents such as financial account documents and brief announcement of financial results or in-house management documents, comprising a database ((Men) FIG. 1A-1B, FIG. 12, FIG. 51 ref # 5134, para 0002, para 0270, para 0293, para 0841) for storing disclosure section information for managing a combined account disclosure item

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defined by extending a combined account title to not only the combined account title represented by increase/decrease in money, but also number of stock holdings and increase/decrease in employee with a basic combined account disclosure item indicating a substance of the increase/decrease, a decrease disclosure item indicating a substance of the decrease, and an increase disclosure item indicating a substance of the increase in the process of managing business information expressible in numeric terms, and correlating the disclosure items of said business information and disclosure items disclosed in the documents with disclosure positions in the documents of the disclosure items; a display device for displaying entry fields ((Men) FIG. 45 ref # 4536, # 4538; para 0414); an input device ((Men) FIG. 45 ref # 4324, # 4526, # 4532, # 4534, # 4535; para 0414) for entry into said entry field; and a processing unit ((Men) FIG. 45 ref # 4510; para 0413) for performing the following processes (A)-(E):

(A) displaying, on said display device, a basic slip including a combined account title entry field for entering combined account title data, a subsidiary disclosure item entry field for entering subsidiary disclosure item data indicating auxiliary information added to said combined account title, and an expression unit age entry field for entering expressing unit ages indicating numeric values of said increase/decrease respectively on both debit and credit columns while displaying a date entry field for entering a date on which the increase or decrease occurs, (B) registering the basic slip information entered into said entry fields to be stored as correlated business information in said database, (C) displaying, on said display device, a disclosure item entry field for said disclosure item and a disclosure item transfer slip for asking for entering said disclosure

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item information (D) registering said disclosure item transfer slip to be stored in said database in correlation with the disclosure item information entered into each of said entry fields, and (E) creating the prescribed disclosure documents from said business information on the basis of said disclosure item information and disclosure section information ((Men) para 0454, para 1861).

In reference to Claim 9:

(Currently amended) The document creation system set forth in claim 2 (see rejection of claim above), wherein the database has a combined account disclosure item table ((Men) para 0424, para 0500, para 0655) for storing the combined account disclosure item and a subsidiary disclosure item table for storing the subsidiary disclosure item; and the processing unit serves to display ((Men) FIG. 26-27, 30, 33) on the display device, the combined account disclosure item entry field for entry ((Men) FIG. 218) of said combined account disclosure item and subsidiary disclosure item entry field for entry of said subsidiary disclosure item, and store in the database said combined account disclosure item and subsidiary disclosure item entered into said entry field, wherein the data in said combined account disclosure item table are indicated as an option and the date in said subsidiary disclosure item table are indicated as an option on the display device when displaying the combined account disclosure entry field in the basic slip displaying process ((Men) para 0386, para 0454, para 1861).

In reference to Claim 3:

Processes A-G are a series of steps and do not contain any structure. The steps are instead directed toward the use of the apparatus and will only be examined with respect to limitations the process may put upon the apparatus.

(Original) A document creation system for creating prescribed disclosure documents such as financial account documents and brief announcement of financial results or in-house management documents, comprising a database ((Men) FIG. 1A-1B, FIG. 12, FIG. 51 ref # 5134, para 0002, para 0270, para 0293, para 0841) for storing disclosure section information for managing a combined account disclosure item defined by extending a combined account title to not only the combined account title represented by increase/decrease in money, but also number of stock holdings and increase/decrease in employee with a basic combined account disclosure item indicating a substance of the increase/decrease, a decrease disclosure item indicating a substance of the decrease, and an increase disclosure item indicating a substance of the increase in the process of managing business information expressible in numeric terms, and correlating the disclosure items of said business information and disclosure items disclosed in the documents with disclosure positions in the documents of the disclosure items, and formula item information for correlating a formula item ((Men) FIG. 53, FIG. 223-4; para 0301, para 0341, para 0441, para 0635, para 2136-8, para 2140, para 2141), said formula item information being a combined account disclosure item indicating operation symbols such as addition and subtraction signs with said operation symbols; a display device ((Men) FIG. 45 ref # 4536, # 4538; para 0414); for displaying entry fields((Men) FIG. 218); an input device for entry into said entry field ((Men) FIG. 45

ref # 4324, # 4526, # 4532, # 4534, # 4535; para 0414); and a processing unit ((Men)

FIG. 45 ref # 4510; para 0413) for performing the following processes (A)-(G):

(A) displaying, on said display device, a basic slip including a combined account title entry field for entering combined account title data and an expression unit age entry field for entering expressing unit ages indicating numeric values of said increase/decrease respectively on both debit and credit columns while displaying a date entry field for entering a date on which the increase or decrease occurs, (B) registering the basic slip information entered into said entry fields to be stored as correlated business information in said database, (C) displaying, on said display device, a calculating slip including a formula item entry field for entering the formula represented by enumerating the combined account disclosure items and a calculation result item entry field for entering a calculation result item indicating the combined account disclosure item calculated by said calculation formula, (D) registering the calculation slip for storing, in a calculating item table, the calculation result item calculated by the said calculation formula in correlation with said calculation formula ((Men) para 0572). (E) displaying, on said display device, a disclosure item entry field for said disclosure item and a disclosure item transfer slip for asking for entering said disclosure item information, (F) registering said disclosure item transfer slip to be stored in said database in correlation with the disclosure item information entered into each of said entry fields, and (G) creating the prescribed disclosure documents from said business information on the basis of said disclosure item information and disclosure section information ((Men) para 0454, para 1861).

In reference to Claim 19:

(New) The document creation system set forth in claim 3, wherein the database (see rejection of claim 3 above) has a combined account disclosure item table ((Men) para 0424, para 0500, para 0655) for storing the combined account disclosure item, and the processing unit serves to display, on the display device, the combined account disclosure item entry field for entry of said combined account disclosure item, and store in the database said combined account disclosure item entered into said entry field ((Men) FIG. 218), and wherein the data in said combined account disclosure item table are indicated as an option on the display device when displaying the combined account disclosure entry field in the basic slip displaying process ((Men) para 0386, para 0454, para 1861).

In reference to Claim 4:

Processes A-G are a series of steps and do not contain any structure. The steps are instead directed toward the use of the apparatus and will only be examined with respect to limitations the process may put upon the apparatus.

(Original) A document creation system for creating prescribed disclosure documents such as financial account documents and brief announcement of financial results or in-house management documents, comprising a database ((Men) FIG. 1A-1B, FIG. 12, FIG. 51 ref # 5134, para 0002, para 0270, para 0293, para 0841) for storing disclosure section information for managing a combined account disclosure item defined by extending a combined account title to not only the combined account title represented by increase/decrease in money, but also number of stock holdings and

increase/decrease in employee with a basic combined account disclosure item indicating a substance of the increase/decrease, a decrease disclosure item indicating a substance of the decrease, and an increase disclosure item indicating a substance of the increase in the process of managing business information expressible in numeric terms, and correlating the disclosure items of said business information and disclosure items disclosed in the documents with disclosure positions in the documents of the disclosure items, and formula item information for correlating a formula item ((Men) FIG. 53, FIG. 223-4; para 0301, para 0341, para 0441, para 0635, para 2136-8, para 2140, para 2141), said formula item information being a combined account disclosure item indicating operation symbols such as addition and subtraction signs with said operation symbols; a display device ((Men) FIG. 45 ref # 4536, # 4538; para 0414) for displaying entry fields; an input device for entry into said entry field ((Men) FIG. 45 ref # 4324, # 4526, # 4532, # 4534, # 4535; para 0414); and a processing unit ((Men) FIG. 45 ref # 4510; para 0413) for performing the following processes (A)-(G):

(A) displaying, on said display device, a basic slip including a combined account title entry field for entering combined account title data, a subsidiary disclosure item entry field for entering subsidiary disclosure item data indicating auxiliary information added to said combined account title, and an expression unit age entry field ((Men) FIG. 218) for entering expressing unit ages indicating numeric values of said increase/decrease respectively on both debit and credit columns while displaying a date entry field for entering a date on which the increase or decrease occurs, (B) registering the basic slip information entered into said entry fields to be stored as correlated business

information in said database, (C) displaying, on said display device, a calculating slip including a formula item entry field for entering the formula represented by enumerating the combined account disclosure items and a calculation result item entry field for entering a calculation result item indicating the combined account disclosure item calculated by said calculation formula, (D) registering the calculation slip for storing, in a calculating item table, the calculation result item calculated by the said calculation formula in correlation with said calculation formula ((Men) FIG. 223-224) (E) displaying, on said display device, a disclosure item entry field ((Men) FIG. 218) for said disclosure item and a disclosure item transfer slip for asking for entering said disclosure item information, (F) registering said disclosure item transfer slip to be stored in said database in correlation with the disclosure item information entered into each of said entry fields, and (G) creating the prescribed disclosure documents from said business information on the basis of said disclosure item information and disclosure section information ((Men) para 0386, para 0454, para 1861).

In reference to Claim 21:

(New) The document creation system set forth in claim 4 (see rejection of claim 4 above), wherein the database((Men) FIG. 1A-1B, FIG. 12, FIG. 51 ref # 5134, para 0002, para 0270, para 0293, para 0841) has a combined account disclosure item table for storing the combined account disclosure item and a subsidiary disclosure item table ((Men) para 0424, para 0500, para 0655) for storing the subsidiary disclosure item; and the processing unit serves to display, on the display device ((Men) FIG. 45 ref # 4536, # 4538; para 0414), the combined account disclosure item entry field for entry of said

combined account disclosure item and subsidiary disclosure item entry field for entry of said subsidiary disclosure item, and store in the database ((Men) para 0386, para 0454, para 1861) said combined account disclosure item and subsidiary disclosure item entered into said entry field ((Men) FIG. 218), wherein the data in said combined account disclosure item table are indicated as an option and the date in said subsidiary disclosure item table are indicated as an option on the display device when displaying the combined account disclosure entry field in the basic slip displaying process ((Men) para 0386, para 0454, para 1861).

In reference to Claim 5:

Processes A-F are a series of steps and do not contain any structure. The steps are instead directed toward the use of the apparatus and will only be examined with respect to limitations the process may put upon the apparatus.

(Original) A document creation system for creating prescribed disclosure documents such as financial account documents and brief announcement of financial results or in-house management documents, comprising a database ((Men) FIG. 1A-1B, FIG. 12, FIG. 51 ref # 5134, para 0002, para 0270, para 0293, para 0841) for storing disclosure section information for managing a combined account disclosure item defined by extending a combined account title to not only the combined account title represented by increase/decrease in money, but also number of stock holdings and increase/decrease in employee with a basic combined account disclosure item indicating a substance of the increase/decrease, a decrease disclosure item indicating a substance of the decrease, and an increase disclosure item indicating a substance of

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the increase in the process of managing business information expressible in numeric terms, and correlating the disclosure items of said business information and disclosure items disclosed in the documents with disclosure positions in the documents of the disclosure items; a display device for displaying entry fields ((Men) FIG. 45 ref # 4536, # 4538; para 0414); an input device for entry into said entry field ((Men) FIG. 45 ref # 4324, # 4526, # 4532, # 4534, # 4535; para 0414); and a processing unit ((Men) FIG. 45 ref # 4510; para 0413) for performing the following processes (A)-(F):

(A) displaying, on said display device, a basic slip including a combined account title entry field for entering combined account title data, a subsidiary disclosure item entry field for entering subsidiary disclosure item data indicating auxiliary information added to said combined account title, and an expression unit age entry field for entering expressing unit ages indicating numeric values of said increase/decrease respectively on both debit and credit columns while displaying a date entry field for entering a date on which the increase or decrease occurs, (B) registering the basic slip information entered into said entry fields to be stored as correlated business information in said database, (C) preparing a disclosure ledger for calculating credit/debit balance in a given period on the basis of the date information and expression unit age information of said basic slip information and, upon itemization of said basic slip information with each combined account disclosure item ((Men) para 0424, para 0500, para 0655) , (D) displaying, on said display device, a disclosure item entry field for said disclosure item and a disclosure item transfer slip for asking for entering said disclosure item information, (E) registering said disclosure item transfer slip to be stored in said

database in correlation with the disclosure item information entered into each of said entry fields, and (F) creating the prescribed disclosure documents from said business information on the basis of said disclosure item information and disclosure section information ((Men) para 0386, para 0454, para 1861).

In reference to Claim 20:

(New) The document creation system set forth in claim 5 (see rejection of claim 5 above), wherein the database has a combined account disclosure item table for storing the combined account disclosure item ((Men) para 0424, para 0500, para 0655), and the processing unit serves to display, on the display device, the combined account disclosure item entry field ((Men) FIG. 218) for entry of said combined account disclosure item, and store in the database said combined account disclosure item entered into said entry field, and wherein the data in said combined account disclosure item table are indicated as an option on the display device ((Men) FIG. 45 ref # 4536, # 4538; para 0414) when displaying the combined account disclosure entry field in the basic slip displaying process

In reference to Claim 6:

Processes A-F are a series of steps and do not contain any structure. The steps are instead directed toward the use of the apparatus and will only be examined with respect to limitations the process may put upon the apparatus.

(Original) A document creation system for creating prescribed disclosure documents such as financial account documents and brief announcement of financial results or in-house management documents, comprising a database ((Men) FIG. 1A-1B,

FIG. 12, FIG. 51 ref # 5134, para 0002, para 0270, para 0293, para 0841) for storing disclosure section information for managing a combined account disclosure item defined by extending a combined account title to not only the combined account title represented by increase/decrease in money, but also number of stock holdings and increase/decrease in employee with a basic combined account disclosure item indicating a substance of the increase/decrease, a decrease disclosure item indicating a substance of the decrease, and an increase disclosure item indicating a substance of the increase in the process of managing business information expressible in numeric terms, and correlating the disclosure items of said business information and disclosure items disclosed in the documents with disclosure positions in the documents of the disclosure items; a display device for displaying entry fields ((Men) FIG. 45 ref # 4536, # 4538; para 0414); an input device for entry into said entry field ((Men) FIG. 45 ref # 4324, # 4526, # 4532, # 4534, # 4535; para 0414); and a processing unit ((Men) FIG. 45 ref # 4510; para 0413) for performing the following processes (A)-(E):

(A) displaying, on said display device, a basic slip including a combined account title entry field for entering combined account title data, a subsidiary disclosure item entry field for entering subsidiary disclosure item data indicating auxiliary information added to said combined account title, and an expression unit age entry field for entering expressing unit ages indicating numeric values of said increase/decrease respectively on both debit and credit columns while displaying a date entry field for entering a date on which the increase or decrease occurs, (B) registering the basic slip information entered into said entry fields to be stored as correlated business information in said

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database, (C) preparing a disclosure ledger for calculating credit/debit balance in a given period on the basis of the date information and expression unit age information of said basic slip information ((Men) para 0424, para 0500, para 0655) and, upon itemization of said basic slip information with each combined account disclosure item (D) displaying, on said display device, a disclosure item entry field ((Men) FIG. 218) for said disclosure item and a disclosure item transfer slip for asking for entering said disclosure item information, (E) registering said disclosure item transfer slip to be stored in said database in correlation with the disclosure item information entered into each of said entry fields, and (F) creating the prescribed disclosure documents from said business information on the basis of said disclosure item information and disclosure section information ((Men) para 0454, para 1861).

In reference to Claim 22:

(New) The document creation system set forth in claim 6 (see rejection of claim 6 above), wherein the database ((Men) FIG. 1A-1B, FIG. 12, FIG. 51 ref # 5134, para 0002, para 0270, para 0293, para 0841) has a combined account disclosure item table for storing the combined account disclosure item and a subsidiary disclosure item table for storing the subsidiary disclosure item ((Men) FIG. 26, FIG. 36, FIG. 76; para 0424, para 0500, para 0655); and the processing unit serves to display, on the display device, the combined account disclosure item entry field for entry of said combined account disclosure item and subsidiary disclosure item entry field for entry of said subsidiary disclosure item, and store in the database said combined account disclosure item and subsidiary disclosure item entered into said entry field, wherein the data in said

combined account disclosure item table are indicated as an option and the date in said subsidiary disclosure item table are indicated as an option on the display device when displaying the combined account disclosure entry field in the basic slip displaying process ((Men) FIG. 44, FIG. 72).

In reference to Claim 7:

Processes A-H are a series of steps and do not contain any structure. The steps are instead directed toward the use of the apparatus and will only be examined with respect to limitations the process may put upon the apparatus.

(Original) A document creation system for creating prescribed disclosure documents such as financial account documents and brief announcement of financial results or in-house management documents, comprising a database ((Men) FIG. 1A-1B, FIG. 12, FIG. 51 ref # 5134, para 0002, para 0270, para 0293, para 0841) for storing disclosure section information for managing a combined account disclosure item defined by extending a combined account title to not only the combined account title represented by increase/decrease in money, but also number of stock holdings and increase/decrease in employee with a basic combined account disclosure item indicating a substance of the increase/decrease, a decrease disclosure item indicating a substance of the decrease, and an increase disclosure item indicating a substance of the increase in the process of managing business information expressible in numeric terms, and correlating the disclosure items of said business information and disclosure items disclosed in the documents with disclosure positions in the documents of the disclosure items, formula item information for correlating a formula item ((Men) FIG.

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223-224), said formula item information being a combined account disclosure item indicating operation symbols such as addition and subtraction signs with said operation symbols, and other information; a display device for displaying entry fields ((Men) FIG. 45 ref # 4536, # 4538; para 0414); an input device for entry into said entry field((Men) FIG. 45 ref # 4324, # 4526, # 4532, # 4534, # 4535; para 0414); and a processing unit ((Men) FIG. 45 ref # 4510; para 0413) for performing the following processes (A)-(H):

(A) displaying, on said display device, a basic slip including a combined account title entry field for entering combined account title data ((Men) FIG. 26, FIG. 36, FIG. 76; para 0424, para 0500, para 0655);, a subsidiary disclosure item entry field for entering subsidiary disclosure item data indicating auxiliary information added to said combined account title, and an expression unit age entry field for entering expressing unit ages indicating numeric values of said increase/decrease respectively on both debit and credit columns while displaying a date entry field for entering a date on which the increase or decrease occurs ((Men) FIG. 26, FIG. 36, FIG. 76; para 0424, para 0500, para 0655), (B) registering the basic slip information entered into said entry fields to be stored as correlated business information in said database, (C) preparing a disclosure ledger for calculating credit/debit balance in a given period on the basis of the date information ((Men) FIG. 26, FIG. 36, FIG. 76; para 0424, para 0500, para 0655); and expression unit age information of said basic slip information and, upon itemization of said basic slip information with each combined account disclosure item, (D) displaying, on said display device, a calculating slip including a formula item entry field for entering the formula represented by enumerating the combined account disclosure items and a

calculation result item entry field for entering a calculation result item indicating the combined account disclosure item calculated by said calculation formula ((Men) FIG. 223-224), (E) registering the calculation slip for storing, in a calculating item table, the calculation result item calculated by the said calculation formula in correlation with said calculation formula. (F) displaying, on said display device, a disclosure item entry field for said disclosure item and a disclosure item transfer slip for asking for entering said disclosure item information, (G) registering said disclosure item transfer slip to be stored in said database in correlation with the disclosure item information entered into each of said entry fields, and (H) creating the prescribed disclosure documents from said business information on the basis of said disclosure item information and disclosure section information ((Men) para 0454, para 1861).

In reference to Claim 23:

(New) The document creation system set forth in claim 7 (see rejection of claim above), wherein the database has a combined account disclosure item table ((Men) para 0424, para 0500, para 0655) for storing the combined account disclosure item and a subsidiary disclosure item table for storing the subsidiary disclosure item; and the processing unit serves to display, on the display device, the combined account disclosure item entry field for entry of said combined account disclosure item and subsidiary disclosure item entry field for entry of said subsidiary disclosure item, and store in the database said combined account disclosure item and subsidiary disclosure item entered into said entry field, wherein the data in said combined account disclosure item table are indicated as an option and the date in said subsidiary disclosure item

table are indicated as an option on the display device when displaying the combined account disclosure entry field in the basic slip displaying process ((Men) FIG. 26-27, 30-36).

Claim Rejections - 35 USC § 103

11. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

12. Claims 10-18 and 24-28 are rejected under 35 U.S.C. 103(a) as being unpatentable over US Pub No. 2006/0178956 A1 by Zimmermann et al. (Zim) and in view of US Pub No. 2006/0069635 A1 by Ram et al. (Ram) and further in view of Official Notice.

In reference to Claim 10:

Zim teaches:

(Original) A document creation program ((Zim) para 0001,0006) for creating prescribed disclosure documents such as financial account documents and brief announcement of financial results or in-house management documents ((Zim) para 0007, 0009), comprising: a basic slip displaying process for displaying a basic slip including a combined account title entry field for entering combined account title data ((Zim) FIG. 4; para 0008, para 0017, para 0021, para 0028 lines 3-5, 15-29) and an expression unit age entry field for entering expressing unit ages indicating numeric values of said increase/decrease respectively on both debit and credit columns while

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displaying a date entry field for entering a date on which the increase or decrease occurs, by managing a combined account disclosure item defined by extending a combined account title to not only the combined account title represented by increase/decrease in money ((Zim) FIG. 4; para 0002, para 0007, para 0008, para 0017, para 0021, para 0028 lines 3-5, 15-29, para 0042, para 0056 lines 14-15)..., and increase/decrease in employee with a basic combined account disclosure item indicating a substance of the increase/decrease ((Zim) para 0039), a decrease disclosure item indicating a substance of the decrease, and a increase disclosure item indicating a substance of the increase in the process of managing business information expressible in numeric terms, and correlating the disclosure items of said business information and disclosure items disclosed in the documents with disclosure positions in the documents of the disclosure items, a basic slip registering process for registering the basic slip information entered into said entry fields to be stored as correlated business information, a disclosure item displaying process for displaying a disclosure item entry field for the aforesaid disclosure item and a disclosure item transfer slip for asking for entering the aforesaid disclosure item information ((Zim) FIG. 4-5; para 0042 lines 5-20, para 0049 lines 5-30), a disclosure item transfer slip registering process for registering said disclosure item transfer slip in correlation with the disclosure item information entered into each of said entry fields, and a document creating process for creating the prescribed disclosure documents from said business information on the basis of said disclosure item information and disclosure section information ((Zim) FIG. 4; para 0007, para 0042, para 0059)

Zim does not teach:

...but also number of stock holdings...

Ram teaches:

...but also number of stock holdings...FIG. 2 ref # 60, 66, FIG. 4 ref # 132)

Although Zim does not explicitly teach stock holdings, Zim is directed toward generating records and documents on all types of accounting matters and teaches explicitly of particular classes of business transactions ((Zim) para 0045 lines 8-12). Official notice is taken that it is well known that Companies that carry investment portfolios such as retirement funds and acquired assets inherently incorporate those assets within their accounting ledgers (journal/tables). Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to include in the accounting ledgers the number of stock holding where investment vehicles were present in the business assets. Additionally, although Zim does not explicitly state a decrease/increase, Zim does teach revenue and expenses, available stock, invoices etc... and accounting processes which inherently encompasses an increase/decrease in ledger entries. With respect to the limitation that business information is expressed in numeric forms, in accounting process it is inherent that the information is expressed in numeric forms.

In reference to Claim 17:

(Currently amended) The document creation program set forth in claim 10, further comprising a process for displaying the combined account disclosure item entry field for entry of said combined account disclosure item, and a process for registering

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said combined account disclosure item entered into said entry field so as to indicate the entered date as an option when displaying the combined account disclosure entry field in the basic slip displaying process ((Zim) FIG. 4-5; para 0039 lines 11-15, 24-25, para 0046, para 0042).

In reference to Claim 11:

A document creation program ((Zim) para 0001,0006) for creating prescribed disclosure documents such as financial account documents and brief announcement of financial results or in-house management documents, comprising: a basic slip displaying process for displaying a basic slip including a combined account title entry field for entering combined account title data, a subsidiary disclosure item entry field for entering subsidiary disclosure item data indicating auxiliary information added to said combined account title, and an expression unit age entry field for entering expressing unit ages indicating numeric values of said increase/decrease respectively on both debit and credit columns while displaying a date entry field for entering a date on which the increase or decrease occurs ((Zim) FIG. 2-4; para 0042), by managing a combined account disclosure item defined by extending a combined account title to not only the combined account title represented by increase/ decrease in money, ...and increase/decrease in employee with a basic combined account disclosure item indicating a substance of the increase/decrease ((Zim) para 0039), a decrease disclosure item indicating a substance of the decrease, and an increase disclosure item indicating a substance of the increase in the process of managing business information expressible in numeric terms, and correlating the disclosure items of said business

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information and disclosure items disclosed in the documents with disclosure positions in the documents of the disclosure items, a basic slip registering process for registering the basic slip information entered into said entry fields to be stored as correlated business information ((Zim) FIG.4-5), a disclosure item displaying process for displaying a disclosure item entry field for said disclosure item and a disclosure item transfer slip for asking for entering said disclosure item information, a disclosure item transfer slip registering process for registering said disclosure item transfer slip to be stored in correlation with the disclosure item information entered into each of said entry fields ((Zim) para 00a47 lines 15-30), and a document creating process for creating the prescribed disclosure documents from said business information on the basis of said disclosure item information and disclosure section information ((Zim) FIG. 4; para 0007, para 0042, para 0059)

Zim does not teach:

...but also number of stock holdings ...

Ram teaches:

...but also number of stock holdings ... (FIG. 2 ref # 60, 66, FIG. 4 ref # 132)

Although Zim does not explicitly teach stock holdings, Zim is directed toward generating records and documents on all types of accounting matters and teaches explicitly of particular classes of business transactions ((Zim) para 0045 lines 8-12). Official notice is taken that it is well known that Companies that carry investment portfolios such as retirement funds and acquired assets inherently incorporate those assets within their accounting ledgers. Therefore, it would have been obvious to one of

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ordinary skill in the art at the time of the invention to include in the accounting ledgers the number of stock holding where investment vehicles were present in the business assets. Additionally, although Zim does not explicitly state a decrease/increase, Zim does teach revenue and expenses, available stock, invoices etc... and accounting processes which inherently encompasses an increase/decrease in ledger entries. With respect to the limitation that business information is expressed in numeric forms, in accounting process it is inherent that the information is expressed in numeric forms.

In reference to Claim 18:

(Currently amended) The document creation program set forth in claim 11 (see rejection of claim 11 above), further comprising a process for displaying the combined account disclosure item entry field for entry of said combined account disclosure item and subsidiary disclosure item entry field for entry of said subsidiary disclosure item, and a process for registering said combined account disclosure item and subsidiary disclosure item entered into said entry field, so as to indicate the entered data of the combined account disclosure item as an option when displaying the combined account disclosure entry field and the data of the subsidiary disclosure item as an option when displaying the subsidiary disclosure item entry field in the basic slip displaying process ((Zim) para 0028 lines 15-20, para 0029 lines 10-20, para 0047 lines 5-20).

In reference to Claim 12:

A document creation program ((Zim) para 0001,0006) for creating prescribed disclosure documents such as financial account documents and brief announcement of financial results or in-house management documents, comprising: a basic slip

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displaying process for displaying a basic slip including a combined account title entry field for entering combined account title data and an expression unit age entry field for entering expressing unit ages indicating numeric values of said increase/decrease respectively on both debit and credit columns while displaying a date entry field for entering a date on which the increase or decrease occurs by managing a combined account disclosure item defined by extending a combined account title to not only the combined account title represented by increase/decrease in money ((Zim) FIG. 3-5; para 0042, para 0047 lines 10-20, para 0049 lines 20-30), ...and increase/decrease in employee ((Zim) para 0039) with a basic combined account disclosure item indicating a substance of the increase/decrease, a decrease disclosure item indicating a substance of the decrease, and an increase disclosure item indicating a substance of the increase in the process of managing business information expressible in numeric terms, and correlating the disclosure items of said business information and disclosure items disclosed in the documents with disclosure positions in the documents of the disclosure items ((Zim) para 0049 lines 20-30), and formula item information for correlating a formula item, said formula item information being a combined account disclosure item indicating operation symbols such as addition and subtraction signs with said operation symbols, a basic slip registering process for registering the basic slip information entered into said entry fields to be stored as correlated business information, a calculating slip displaying process for displaying a calculating slip including a formula item entry field for entering the formula represented by enumerating the combined account disclosure items and a calculation result item entry field for entering a

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calculation result item indicating the combined account disclosure item calculated by said calculation formula, a calculation slip registering process for registering the calculation slip to store the calculation result item calculated by the said calculation formula in correlation with said calculation formula a disclosure item displaying process for displaying a disclosure item entry field for said disclosure item and a disclosure item transfer slip for asking for entering said disclosure item information ((Zim) para 0029 lines 10-17, para 0041, para 0042 lines 2-4) a disclosure item transfer slip registering process for registering said disclosure item transfer slip to be stored in correlation with the disclosure item information entered into each of said entry fields ((Zim) para 0028 lines 15-20), and a document creating process for creating the prescribed disclosure documents from said business information on the basis of said disclosure item information and disclosure section information. ((Zim) FIG. 4; para 0007, para 0042, para 0059)

Zim does not teach:

...but also number of stock holdings...

Ram teaches:

...but also number of stock holdings...FIG. 2 ref # 60, 66, FIG. 4 ref # 132)

With respect to the limitation "calculation formula", although Zim does not explicitly teach a formula per se, Zim does teach profit analysis ((Zim) para 0042), and teaches accounting functions ((Zim) para 0029 lines 10-15) which inherently contain calculation formulas that require data input. Zim supports this in para 0040-0041 whereby the data is converted from one accounting calculation to another. Additionally,

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Official Notice is taken that in the art of accounting, it is well known that multiple accounting formulas can and are considered when determining profit/loss, projected profit, projected sales and so forth. Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to include access in an accounting processing method the ability to consider different formulas as it is commonly utilized in the art.

With respect to the limitation of mathematical operators in the art of accounting these operators are inherent in the calculation process.

Although Zim does not explicitly teach stock holdings, Zim is directed toward generating records and documents on all types of accounting matters and teaches explicitly of particular classes of business transactions ((Zim) para 0045 lines 8-12). Official notice is taken that it is well known that Companies that carry investment portfolios such as retirement funds and acquired assets inherently incorporate those assets within their accounting ledgers. Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to include in the accounting ledgers the number of stock holding where investment vehicles were present in the business assets. Additionally, although Zim does not explicitly state a decrease/increase, Zim does teach revenue and expenses, available stock, invoices etc... and accounting processes which inherently encompasses an increase/decrease in ledger entries. With respect to the limitation that business information is expressed in numeric forms, in accounting process it is inherent that the information is expressed in numeric forms.

In reference to Claim 24:

(New) The document creation program set forth in claim 12 (see rejection of claim above), further comprising a process for displaying the combined account disclosure item entry field for entry of said combined account disclosure item, and a process for registering said combined account disclosure item entered into said entry field so as to indicate the entered date as an option when displaying the combined account disclosure entry field in the basic slip displaying process ((Zim) para 0028 lines 15-20, 48-51)

Although Zim does not explicitly teach entering a date as an option Zim does teach entering multiple dates dependent upon the entry subject matter. Therefore inherently Zim's teaching encompass the option of entering a date.

In reference to Claim 13:

(Original) A document creation program ((Zim) para 0001,0006) for creating prescribed disclosure documents such as financial account documents and brief announcement of financial results or in-house management documents, comprising: a basic slip displaying process for displaying a basic slip including a combined account title entry field for entering combined account title data and an expression unit age entry field for entering expressing unit ages indicating numeric values of said increase/decrease respectively on both debit and credit columns while displaying a date entry field for entering a date on which the increase or decrease occurs, by managing a combined account disclosure item defined by extending a combined account title to not only the combined account title represented by increase/decrease in money ((Zim) para 0028 lines 15-20, 30-50, para 0042), ...and increase/decrease in employee ((Zim) para

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0039) with a basic combined account disclosure item indicating a substance of the increase/decrease, a decrease disclosure item indicating a substance of the decrease, and an increase disclosure item indicating a substance of the increase in the process of managing business information expressible in numeric terms ((Zim) para 0049 lines 20-30), and correlating the disclosure items of said business information and disclosure items disclosed in the documents with disclosure positions in the documents of the disclosure items, and formula item information for correlating a formula item, said formula item information being a combined account disclosure item indicating operation symbols such as addition and subtraction signs with said operation symbols, a basic slip registering process for registering the basic slip information entered into said entry fields to be stored as correlated business information, a calculating slip displaying process for displaying a calculating slip including a formula item entry field for entering the formula represented by enumerating the combined account disclosure items and a calculation result item entry field for entering a calculation result item indicating the combined account disclosure item calculated by said calculation formula, a calculation slip registering process for registering the calculation slip for storing the calculation result item calculated by the said calculation formula in correlation with said calculation formula a disclosure item displaying process for displaying a disclosure item entry field for said disclosure item and a disclosure item transfer slip for asking for entering said disclosure item information ((Zim) para 0029 lines 10-17, para 0041, para 0042 lines 2-4), a disclosure item transfer slip registering process for registering said disclosure item transfer slip to be stored in correlation with the disclosure item information entered into

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each of said entry fields, and a document creating process for creating the prescribed disclosure documents from said business information on the basis of said disclosure item information and disclosure section information ((Zim) FIG. 4; para 0007, para 0042, para 0059)

Zim does not teach:

...but also number of stock holdings...

Ram teaches:

...but also number of stock holdings...FIG. 2 ref # 60, 66, FIG. 4 ref # 132)

With respect to the limitation “calculation formula” and “mathematical operators”, although Zim does not explicitly teach a formula per se, Zim does teach profit analysis ((Zim) para 0042), and teaches accounting functions ((Zim) para 0029 lines 10-15) which inherently contain calculation formulas that require data input. Zim supports this in para 0040-0041 whereby the data is converted from one accounting calculation to another. With respect to the limitation of mathematical operators in the art of accounting these operators are inherent in the calculation process. Additionally, Official Notice is taken that in the art of accounting, it is well known that multiple accounting formulas can and are considered when determining profit/loss, projected profit, projected sales and so forth. Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to include access in an accounting processing method the ability to consider different formulas as it is commonly utilized in the art.

Although Zim does not explicitly teach stock holdings, Zim is directed toward generating records and documents on all types of accounting matters and teaches

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explicitly of particular classes of business transactions ((Zim) para 0045 lines 8-12).

Official notice is taken that it is well known that Companies that carry investment portfolios such as retirement funds and acquired assets inherently incorporate those assets within their accounting ledgers. Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to include in the accounting ledgers the number of stock holding where investment vehicles were present in the business assets. Additionally, although Zim does not explicitly state a decrease/increase, Zim does teach revenue and expenses, available stock, invoices etc... and accounting processes which inherently encompasses an increase/decrease in ledger entries. With respect to the limitation that business information is expressed in numeric forms, in accounting process it is inherent that the information is expressed in numeric forms.

In reference to Claim 26:

(New) The document creation program set forth in claim 13 (see rejection of claim 13 above), further comprising a process for displaying the combined account disclosure item entry field for entry of said combined account disclosure item and subsidiary disclosure item entry field for entry of said subsidiary disclosure item, and a process for registering said combined account disclosure item and subsidiary disclosure item entered into said entry field, so as to indicate the entered data of the combined account disclosure item as an option when displaying the combined account disclosure entry field and the data of the subsidiary disclosure item as an option when displaying the subsidiary disclosure item entry field in the basic slip displaying process ((Zim) para 0028 lines 15-20, para 0029 lines 10-20, para 0047 lines 5-20).

In reference to Claim 14:

(Original) A document creation program ((Zim) para 0001,0006) for creating prescribed disclosure documents such as financial account documents and brief announcement of financial results or in-house management documents, comprising: a basic slip displaying process for displaying a basic slip including a combined account title entry field for entering combined account title data and an expression unit age entry field for entering expressing unit ages indicating numeric values of said increase/decrease respectively on both debit and credit columns while displaying a date entry field for entering a date on which the increase or decrease occurs, by managing a combined account disclosure item defined by extending a combined account title to not only the combined account title represented by increase/decrease in money ((Zim) FIG. 3-4; para 0028 lines 15-20, para 0042, para 0049 lines 10-30), ...and increase/decrease in employee with a basic combined account disclosure item ((Zim) para 0039) indicating a substance of the increase/decrease, a decrease disclosure item indicating a substance of the decrease, and an increase disclosure item indicating a substance of the increase in the process of managing business information expressible in numeric terms, and correlating the disclosure items of said business information and disclosure items disclosed in the documents with disclosure positions in the documents of the disclosure items a disclosure ledger preparing process for preparing a disclosure ledger (journal/tables) for calculating credit/debit balance in a given period on the basis of the date information and expression unit age information of said basic slip information and ((Zim) FIG. 3-5; para 0028 lines 15-20, 30-40, para 0042, para 0043 lines 5-25) upon

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itemization of said basic slip information with each combined account disclosure item, a disclosure item displaying process for displaying a disclosure item entry field for said disclosure item and a disclosure item transfer slip for asking for entering said disclosure item information, a disclosure item transfer slip registering process for registering said disclosure item transfer slip to be stored in said database in correlation with the disclosure item information entered into each of said entry fields ((Zim) FIG. 4-5; para 0017, para 0021, para 0028 lines 15-20), and a document creating process for creating the prescribed disclosure documents from said business information on the basis of said disclosure item information and disclosure section information ((Zim) FIG. 4; para 0007, para 0042, para 0059)

Zim does not teach:

...but also number of stock holdings...

Ram teaches:

...but also number of stock holdings...FIG. 2 ref # 60, 66, FIG. 4 ref # 132)

Although Zim does not explicitly teach stock holdings, Zim is directed toward generating records and documents on all types of accounting matters and teaches explicitly of particular classes of business transactions ((Zim) para 0045 lines 8-12).

Official notice is taken that it is well known that Companies that carry investment portfolios such as retirement funds and acquired assets inherently incorporate those assets within their accounting ledgers. Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to include in the accounting ledgers the number of stock holding where investment vehicles were present in the business

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assets. Additionally, although Zim does not explicitly state a decrease/increase, Zim does teach revenue and expenses, available stock, invoices etc... and accounting processes which inherently encompasses an increase/decrease in ledger entries. With respect to the limitation that business information is expressed in numeric forms, in accounting process it is inherent that the information is expressed in numeric forms.

In reference to Claim 25:

(New) The document creation program set forth in claim 14 (see rejection of claim above), further comprising a process for displaying the combined account disclosure item entry field for entry of said combined account disclosure item, and a process for registering said combined account disclosure item entered into said entry field so as to indicate the entered date as an option when displaying the combined account disclosure entry field in the basic slip displaying process ((Zim) FIG. 3-5; para 0028 lines 15-20, 48-51, para 0043 lines 5-20)

Although Zim does not explicitly teach entering a date as an option Zim does teach entering multiple dates dependent upon the entry subject matter. Therefore inherently Zim's teaching encompass the option of entering a date.

In reference to Claim 15:

(Original) A document creation program ((Zim) para 0001,0006) for creating prescribed disclosure documents such as financial account documents and brief announcement of financial results or in-house management documents, comprising: a basic slip displaying process for displaying a basic slip including a combined account title entry field for entering combined account title data, a subsidiary disclosure item entry field

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((Zim) para 0048, para 0047 lines 10-25, para 0049 lines 5-30) for entering subsidiary disclosure item data indicating auxiliary information added to said combined account title, and an expression unit age entry field for entering expressing unit ages indicating numeric values of said increase/decrease respectively on both debit and credit columns while displaying a date entry field for entering a date on which the increase or decrease occurs, by managing a combined account disclosure item defined by extending a combined account title to not only the combined account title represented by increase/decrease in money ((Zim) FIG. 2-4; para 0017, para 0021, para 0028 lines 15-20, 25-35, para 0042, para 0049 lines 10-30), ...and increase/decrease in employee ((Zim) para 0039) with a basic combined account disclosure item indicating a substance of the increase/decrease, a decrease disclosure item indicating a substance of the decrease, and an increase disclosure item indicating a substance of the increase in the process of managing business information expressible in numeric terms, and correlating the disclosure items of said business information and disclosure items disclosed in the documents with disclosure positions in the documents of the disclosure items, a basic slip registering process for registering the basic slip information entered into said entry fields to be stored as correlated business information, a disclosure ledger (journal/table) preparing process for preparing a disclosure ledger for calculating credit/debit balance in a given period on the basis of the date information and expression unit age information of said basic slip information and ((Zim) para 0042), upon itemization of said basic slip information with each combined account disclosure item, a disclosure item displaying process for displaying a disclosure item entry field for said disclosure item

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and a disclosure item transfer slip for asking for entering said disclosure item information, a disclosure item transfer slip registering process for registering said disclosure item transfer slip to be stored in correlation with the disclosure item information entered into each of said entry fields ((Zim) FIG. 2-5; para 0042, para 0043 lines 5-20, para 0047 lines 5-20, para 0049 lines 10-30) and a document creating process for creating the prescribed disclosure documents from said business information on the basis of said disclosure item information and disclosure section information ((Zim) FIG. 4; para 0007, para 0042, para 0059)

Zim does not teach:

...but also number of stock holdings...

Ram teaches:

...but also number of stock holdings...FIG. 2 ref # 60, 66, FIG. 4 ref # 132)

Although Zim does not explicitly teach stock holdings, Zim is directed toward generating records and documents on all types of accounting matters and teaches explicitly of particular classes of business transactions ((Zim) para 0045 lines 8-12). Official notice is taken that it is well known that Companies that carry investment portfolios such as retirement funds and acquired assets inherently incorporate those assets within their accounting ledgers. Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to include in the accounting ledgers the number of stock holding where investment vehicles were present in the business assets. Additionally, although Zim does not explicitly state a decrease/increase, Zim does teach revenue and expenses, available stock, invoices etc... and accounting

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processes which inherently encompasses an increase/decrease in ledger entries. With respect to the limitation that business information is expressed in numeric forms, in accounting process it is inherent that the information is expressed in numeric forms.

In reference to Claim 27:

(New) The document creation program ((Zim) para 0001,0006) set forth in claim 15 (see rejection of claim 15 above), further comprising a process for displaying the combined account disclosure item entry field for entry of said combined account disclosure item and subsidiary disclosure item entry field for entry of said subsidiary disclosure item, and a process for registering said combined account disclosure item and subsidiary disclosure item entered into said entry field, so as to indicate the entered data of the combined account disclosure item as an option when displaying the combined account disclosure entry field and the data of the subsidiary disclosure item as an option when displaying the subsidiary disclosure item entry field in the basic slip displaying process ((Zim) FIG. 4-5; para 0039 lines 24-36, para 0043 lines 10-20, para 0049 lines 10-30).

In reference to Claim 16:

(Original) A document creation program ((Zim) para 0001,0006) for creating prescribed disclosure documents such as financial account documents and brief announcement of financial results or in-house management documents, comprising: a basic slip displaying process for displaying a basic slip including a combined account title entry field for entering combined account title data, a subsidiary disclosure item entry field for entering subsidiary disclosure item data indicating auxiliary information

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added to said combined account title, and an expression unit age entry field for entering expressing unit ages indicating numeric values of said increase/decrease respectively on both debit and credit columns while displaying a date entry field for entering a date on which the increase or decrease occurs, by managing a combined account disclosure item defined by extending a combined account title to not only the combined account title represented by increase/decrease in money ((Zim) FIG. 2-4; para 0017, para 0021, para 0028 lines 15-20, 25-35, para 0042, para 0049 lines 10-30), ...and increase/decrease in employee ((Zim) para 0039) with a basic combined account disclosure item indicating a substance of the increase/decrease, a decrease disclosure item indicating a substance of the decrease, and an increase disclosure item indicating a substance of the increase in the process of managing business information expressible in numeric terms, and correlating the disclosure items of said business information and disclosure items disclosed in the documents with disclosure positions in the documents of the disclosure items, and formula item information for correlating a formula item, said formula item information being a combined account disclosure item indicating operation symbols such as addition and subtraction signs with said operation symbols, a basic slip registering process for registering the basic slip information entered into said entry fields to be stored as correlated business information ((Zim) para 0029 lines 10-17, para 0041, para 0042 lines 2-4), a disclosure ledger (journal/table) preparing process for preparing a disclosure ledger for calculating credit/debit balance in a given period on the basis of the date information and expression unitage information of said basic slip information and, upon itemization of said basic slip information with each combined

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account disclosure item ((Zim) para 0042, para 0049 lines 10-30), a calculating slip displaying process for displaying a calculating slip including a formula item entry field for entering the formula represented by enumerating the combined account disclosure items and a calculation result item entry field for entering a calculation result item indicating the combined account disclosure item calculated by said calculation formula a calculation slip registering process for registering the calculation slip for storing, in a calculating item table, the calculation result item calculated by the said calculation formula in correlation with said calculation formula ((Zim) para 0029 lines 10-17, para 0041, para 0042 lines 2-4), a disclosure item displaying process for displaying a disclosure item entry field for said disclosure item and a disclosure item transfer slip for asking for entering said disclosure item information ((FIG. 1-5; para 0037 line 10, para 0028 lines 15-20, 30-50), a disclosure item transfer slip registering process for registering said disclosure item transfer slip to be stored in correlation with the disclosure item information entered into each of said entry fields ((Zim) para 0028 lines 45-55, para 0035, para 0042, para 0043 lines 5-20, para 0049 lines 10-30), and a document creating process for creating the prescribed disclosure documents from said business information on the basis of said disclosure item information and disclosure section information

Zim does not teach:

...but also number of stock holdings...

Ram teaches:

...but also number of stock holdings...FIG. 2 ref # 60, 66, FIG. 4 ref # 132)

With respect to the limitation “calculation formula”, although Zim does not explicitly teach a formula per se, Zim does teach profit analysis ((Zim) para 0042), and teaches accounting functions ((Zim) para 0029 lines 10-15) which inherently contain calculation formulas that require data input. Zim supports this in para 0040-0041 whereby the data is converted from one accounting calculation to another. Additionally, Official Notice is taken that in the art of accounting, it is well known that multiple accounting formulas can and are considered when determining profit/loss, projected profit, projected sales and so forth. Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to include access in an accounting processing method the ability to consider different formulas as it is commonly utilized in the art.

Although Zim does not explicitly teach stock holdings, Zim is directed toward generating records and documents on all types of accounting matters and teaches explicitly of particular classes of business transactions ((Zim) para 0045 lines 8-12). Official notice is taken that it is well known that Companies that carry investment portfolios such as retirement funds and acquired assets inherently incorporate those assets within their accounting ledgers. Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to include in the accounting ledgers the number of stock holding where investment vehicles were present in the business assets. Additionally, although Zim does not explicitly state a decrease/increase, Zim does teach revenue and expenses, available stock, invoices etc... and accounting processes which inherently encompasses an increase/decrease in ledger entries. With

respect to the limitation that business information is expressed in numeric forms, in accounting process it is inherent that the information is expressed in numeric forms.

In reference to Claim 28:

(New) The document creation program set forth in claim 16 (see rejection of claim above), further comprising a process for displaying the combined account disclosure item entry field for entry of said combined account disclosure item and subsidiary disclosure item entry field for entry of said subsidiary disclosure item, and a process for registering said combined account disclosure item and subsidiary disclosure item entered into said entry field ((Zim) para 0047 lines 5-20, para 0048, para 0049 lines 10-30), so as to indicate the entered data of the combined account disclosure item as an option when displaying the combined account disclosure entry field and the data of the subsidiary disclosure item as an option when displaying the subsidiary disclosure item entry field in the basic slip displaying process ((Zim) FIG. 4-5), para 00a49 lines 10-30, para 0050, para 0051)

Conclusion

13. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. US Pub No. 2003/0033167 A1 by Arroyo et al. is cited for teach creating interactive electronic documents.

14. Any inquiry concerning this communication or earlier communications from the examiner should be directed to MARY GREGG whose telephone number is (571)270-5050. The examiner can normally be reached on 4/10.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Trammell can be reached on 5712726712. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

15. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

MMG

/Mary Cheung/

Primary Examiner, Art Unit 3694